

**Notice of Allowability**

Application No.

10/517,532

Examiner

Ashok B. Patel

Applicant(s)

TUUNANEN ET AL.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/02/2007.
2. ☒ The allowed claim(s) is/are 1,2,4,5,8-15,17,18,21-26 and 30 (Total 21 claims).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### DETAILED ACTION

1. Claims 1, 2, 4, 5, 8-15, 17,18, 21-26 and 30 are allowed. Claims 3, 6, 7, 16, 19-20, 27-29 and 31-33 are cancelled.

### EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Douglas H. Goldhush on 10/26/2007.

3. The application has been amended as follows:

**A. In the claims:**

a. Claims 1, 2, 4, 5, 8-15, 17,18, 21-26 and 30 are allowed. Claims 3, 6, 7, 16, 19-20, 27-29 and 31-33 are cancelled.

b. Claim 1. (Currently Amended) A communication system comprising:  
a multimedia network comprising an internet protocol multimedia subsystem, the multimedia network further comprising ~~an information storage entity~~ a home subscriber server configured to store user information and call state control function entities;

an entity that is external to the multimedia network and configured to subscribe to the multimedia network for notifications regarding events that

associate with at least one other entity of the communication system, the configuration being such that

subscription messages from the external entity are routed to at least one serving call state control function entity based on information stored in said ~~information storage entity~~ home subscriber server,

said at least one serving call state control function entity is provided with a storage configured to store information received in said subscription messages, and

said at least one serving call state control function entity sends a notification in response to an event defined by said information stored in the store of the serving call state control function entity.

c. Claim 2. (Currently Amended) A communication system as claimed in claim 1, wherein the subscription messages are routed to the at least one serving call state control function entity via the ~~information storage entity~~ home subscriber server.

d. Claim 4. (Currently Amended) A communication system as claimed in claim 1 wherein the information stored at the ~~information storage entity~~ home subscriber server contains information regarding those serving call state control function entities the external entity is able to subscribe to.

e. Claim 14. (Currently Amended) A method comprising:  
sending notifications in a communication system;

subscribing by an entity that is external to a multimedia network of the communications system for notifications regarding events associated with the at least one other entity, the multimedia network comprising an internet protocol multimedia subsystem;

routing of subscription messages from the external entity to at least one of a plurality of serving call state control function entities of the multimedia network based on information stored in ~~an information storage entity~~ home subscriber server of the multimedia network;

storing in a store associated with said at least one serving call state control function entity information received in said subscription messages; and

sending a notification by the serving call state control function in response to an event defined by said information stored in said store associated with said at least one serving call state control function entity.

f. Claim 15. (Currently Amended) A method as claimed in claim 14, wherein the subscription messages are routed to the at least one serving call state control function entity via the ~~information storage entity~~ home subscriber server.

g. Claim 17. (Currently Amended) A method as claimed in claim 14, wherein the information stored at the ~~information storage entity~~ home subscriber server contains information regarding those serving call state control function entities the external entity is able to subscribe to.

h. Claim 30. (Currently Amended) A communication system comprising:

a multimedia network comprising an internet protocol multimedia subsystem, the multimedia network further comprising an information storage unit  
a home subscriber server configured to store user information and call state control function entities;

an entity that is external to the multimedia network and comprising a ~~subscribing unit configured to~~ means for subscribing ~~subscribe to~~ the multimedia network for notifications regarding events that associate with at least one other entity of the communication system;

means for routing ~~a routing unit configured to route~~ subscription messages from the external entity to at least one serving call state control function entity based on information stored in said ~~information storage entity~~ home subscriber server;

a storage means ~~unit~~ in said at least one serving call state control function entity for storing information received in said subscription messages, and

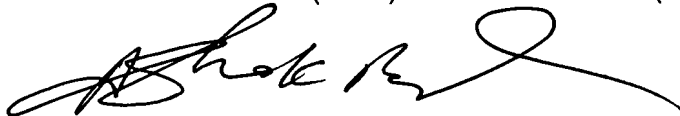
a sending means ~~unit~~ in said at least one serving call state control function entity configured to send a notification in response to an event defined by said information stored in said storage means in said at least one serving call state control function.

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok B. Patel whose telephone number is (571) 272-3972. The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached o If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Ashok Patel', with a stylized flourish at the end.

Ashok Patel  
Examiner  
AU 2154